**Admin Feature Analysis**

As an administrator of the MuSophia organization, you have access to a range of features to manage the system and ensure its smooth operation. Here's a breakdown of the features available to you:

1. **Login:**

You can access the system by logging in with your administrator credentials.

1. **Create, update, view admin profile:**

You can create and manage your administrator profile, including updating your personal information and contact details.

1. **Change password:**

You can change your password for security purposes.

1. **Add, view, update, delete product:**

You can add new products to the system, view existing products, update product information, and delete products that are no longer needed.

1. **Add, view, update, delete color:**

You can add new colors to the system, view existing colors, update color information, and delete colors that are no longer needed.

1. **Add, view, update, delete size:**

You can add new sizes to the system, view existing sizes, update size information, and delete sizes that are no longer needed.

1. **Add, view, update, delete unit:**

You can add new units of measurement to the system, view existing units, update unit information, and delete units that are no longer needed.

1. **Add, view, update, delete category:**

You can add new categories to the system, view existing categories, update category information, and delete categories that are no longer needed.

1. **Add, view, update, delete bands:**

You can add new bands to the system, view existing bands, and update band information.

1. **Create, update, view band managers:**

You can create new band managers, update existing band manager information, and view band manager details.

1. **Create profile for MuSophia employees:**

You can create profiles for MuSophia employees, including their personal information and contact details.

1. **Reset password for MuSophia employees and band managers:**

You can reset the passwords for MuSophia employees and band managers in case they forget their login credentials.

1. **Enable/disable MuSophia employees & band managers:**

You can enable or disable the access of other employees and band managers to the system.

1. **Add, view, update customer:**

You can add new customers to the system, view existing customer information, and update customer details.

1. **Add, view, update purchase order:**

You can add new purchase orders to the system, view existing purchase orders, and update purchase order information.

1. **Sales Report with date range, band & category wise filter – SAP Crystal Reports:**

You can generate sales reports with filters such as date range, band, and category.

1. **Monthly Revenue Report (band wise)– SAP Crystal Reports:**

You can generate revenue reports for each band monthly.

1. **Bar Chart based on monthly product sale for each product:**

You can view bar charts showing the monthly sales of each product in the system.

1. **Sale and print invoice – SAP Crystal Reports:**

You can generate invoices for customers and print them out.

1. **Add, view, update concert event:**

You can add new concert events to the system, view existing events, and update event details.

1. **Log out:**

You can log out of the system when you are finished using it.

**MuSophia Employee Feature Analysis:**

The following is a list of features available to employees within the MuSophia organization:

1. **Login:**

Employees can access the system by logging in with their username and password.

1. **View, update profile:**

Employees can view and update their personal information, such as their name, email address, and contact details.

1. **Change password:**

Employees can change their password for security purposes.

1. **Add, view, update product:**

Employees can add new products, view existing products, update product information, and delete products that are no longer in use.

1. **Add, view, update, delete color:**

Employees can add new colors, view existing colors, update color information, and delete colors that are no longer in use.

1. **Add, view, update, delete size:**

Employees can add new sizes, view existing sizes, update size information, and delete sizes that are no longer in use.

1. **Add, view, update, delete category:**

Employees can add new categories, view existing categories, update category information, and delete categories that are no longer in use.

1. **Add, view, update, delete unit:**

Employees can add new units of measurement, view existing units, update unit information, and delete units that are no longer in use.

1. **Add, view, update bands:**

Employees can add new bands, view existing bands, and update band information.

1. **Create, update, view band managers:**

Employees can create new band managers, update existing band manager information, and view band manager details.

1. **Add, view, update customer:**

Employees can add new customers, view existing customer information, and update customer details.

1. **Add, view, update purchase order:**

Employees can add new purchase orders, view existing purchase orders, and update purchase order information.

1. **Sales Report with date range, band & category wise filter – SAP Crystal Reports:** Employees can generate sales reports with filters such as date range, band, and category.
2. **Sale and print invoice – SAP Crystal Reports:**

Employees can generate invoices for customers and print them out.

1. **View concert event:**

Employees can view upcoming concert events and their details.

1. **Log out:**

Employees can log out of the system when they are finished using it.

**Band Manager Feature Analysis:**

The following is a list of features available to band managers within the MuSophia organization:

1. **Log in:**

Band managers should be able to securely log in to their account with a unique username and password.

1. **View and update profile:**

Band managers should be able to view and update their profile information, such as their name, contact information.

1. **Change password:**

Band managers should be able to change their password to maintain the security of their account.

1. **Order management:**

Band managers should be able to view order history, and track the status of their orders.

1. **Customer management:**

Band managers should be able to view their customers. This will help them understand their customer base and create targeted marketing campaigns.

1. **Sales report:**

Band managers should be able to generate sales reports based on date ranges and product categories. This will help them track their sales and revenue.

1. **Bar chart:**

Band managers should be able to view a bar chart based on monthly product sales for each product. This will help them visualize their sales data and identify trends.

1. **Monthly revenue report:**

Band managers should be able to generate a monthly revenue report, which will help them track their revenue over time.

1. **Add, view, and update concert events:**

Band managers should be able to add new concert events to their schedule, view existing events, and update event details as needed.

1. **Log out:**

Band managers should be able to securely log out of their account to ensure the privacy and security of their data.

**Gig Manager Feature Analysis:**

The following is a list of features available to gig managers within the MuSophia organization:

1. **Log in:**

Gig managers should be able to securely log in to their account with a unique username and password.

1. **View and update profile:**

Gig managers should be able to view and update their profile information, such as their name, contact information.

1. **Change password:**

Gig managers should be able to change their password to maintain the security of their account.

1. **Order management:**

Gig managers should be able to view order history, and track the status of their orders.

1. **Customer management:**

Gig managers should be able to view their customers. This will help them understand their customer base and create targeted marketing campaigns.

1. **Sales report:**

Gig managers should be able to generate sales reports based on date ranges and product categories. This will help them track their sales and revenue.

1. **Bar chart:**

Gig managers should be able to view a bar chart based on product sales for each product. This will help them visualize their sales data and identify trends.

1. **Monthly revenue report:**

Gig managers should be able to generate a revenue report, which will help them track their revenue.

1. **Add, view, and update concert events:**

Gig managers should be able to add new concert events to their schedule, view existing events, and update event details as needed.

1. **Log out:**

Gig managers should be able to securely log out of their account to ensure the privacy and security of their data.

In summary, MuSophia provides its admin, employees & band manager with a comprehensive set of features to manage products, customers, sales, and events. These features are designed to enhance the efficiency and effectiveness of the organization's operations.